

# JESSICA L. BURNETT

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Research Ecologist & Mendenhall Postdoctoral Fellow

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## STEM Outreach

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### *Community Involvement*

- Letters to a Pre-scientist (2018-present)
- Skype a Scientist, Virtual (2017-present)
- Secured grant to develop on-site nature trail and wildlife viewing opportunities at the Reichert House in Florida (2014-15)
- Organized hands-on wildlife handling events for students of the Reichert House, Gainesville, FL (2014-15)
- Live bird banding demonstrations and bird watching activities for K-12 students, A Girls' Place, Gainesville, FL (2013-15)
- Science, mathematics, and reading tutor for middle and high school students, Friends of the Micanopy Library, FL (2011-13)
- Learning assistant and tutor for mathematics students, Valencia Community College, Orlando, FL (2008-10)

### *Blogs*

- [Connecting to nature and understanding ecosystem services: urban perspective](#), Envirobites
- [Big data, big problems](#)
- [Panarchy in the Anthropocene - Regime shifts, traps and how to deal with them](#)
- [Connecting to nature and understanding ecosystem services: the urban perspective](#)
- [Leadership resilience and your workplace](#)

### *Podcasts*

- [House Sparrow declines in North America](#), Urban Wildlife Podcast

## Service

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### *Department of Interior*

- Co-author, FEVS Analysis Team for Core Science Systems Science Analytics and Synthesis (2021)
- Member, Federal Advisory Committee for Avian Knowledge Network (2019-present)
- Member, Communications and Marketing Committee for the North American Breeding Bird Survey 2020 Action Plan (2020-21)

### *Peer Review Activity*

- Journal articles: *Bioinvasions Records* (1), *Conservation Biology* (1), *Ecological Informatics* (6), *Ecological Modelling* (4), *Journal of Molluscan Studies* (2), *Landscape and Urban Planning* (2), *PLOS One* (1), *Wilson Journal of Ornithology* (3)
- Code and software: *Journal of Open Source Software* (3), *ReScience* (1)
- Department of Interior: Abstracts (2), Research Articles (2), Software/code (1), Reports (2)

### *Service at the University of Nebraska-Lincoln*

- Conference abstract reviewer, Ecological Society of America (2021)
- Co-founder, Natural Resources Diversity Initiative committee, School of Natural Resources (2017)
- [Faculty Advisory Committee](#), School of Natural Resources (2016-18)

- Student Representative, Faculty search committee for Urban Forestry position, University of Nebraska-Lincoln (2016-17)
- Co-founder, [Institutional membership to the Association for Women in Science](#) (2016)
- Digital Team, School of Natural Resources (2016)
- Organizer, Association for Women in Science [Mentor Workshop](#) (2016)
- Seminar Coordinator, School of Natural Resources (2016)
- Department Representative, UNL Graduate Student Association (2015 - 16)
- Student Liaison, Urban Ecosystem Ecology Section, Ecological Society of America (2015 - 16)

*Service at the University of Florida*

- Chair, Student Travel Grant Award Committee, Dept. of Wildlife Ecology and Conservation (2012-13)
- Contributed feedback on applicants to 3 faculty positions in the department, University of Florida (2012-13)
- Treasurer, Student Graduate Association, Dept. of Wildlife Ecology and Conservation, (2011-13)
- Member, Natural Resources Diversity Initiative (2011-13)
- Member, EcoThinkTank Graduate Student Group (2011-13)